

IN THE CLAIMS

1. (Original) A copy-protected optical disc, comprising:
 - a) a preformed ID which is impressed upon the optical disc during optical disc manufacture
 - b) a unique ID which was written on the optical disc after it is manufactured; and
 - c) an encrypted program written onto the optical disc wherein the encryption of such program is based upon the preformed ID and the unique ID.
2. (Original) A method for copy-protecting information recorded on an optical disc, comprising the steps of:
 - a) forming a master disc that includes a preformed ID; and
 - b) forming a number of optical discs which have the preformed ID duplicated from the master disc; and
 - c) writing a unique identification number onto such optical disc; and
 - d) writing an encrypted program onto the optical disc wherein the encryption of such program is based upon the preformed ID and the unique ID.
3. (Original) The method of claim 2 further including the step of reading and decrypting the encrypted program using the preformed ID and the unique ID read from the disc.
4. (Original) The copy-protected optical disc in claim 1 in which the unique ID is recorded at one or more known absolute sector addresses on the disc.
5. (Amended) The copy-protected optical disc in claim 1 in which the unique ID is recorded into a a ~~[[the]]~~ second session.
6. (Original) The copy-protected optical disc in claim 1 in which the disc further includes a recordable area.

7. (Amended) The copy-protected optical disc in claim 1 in which in which supplied software and/or data is also pressed into a a ~~[[the]]~~ first session.

8. (Original) A copy-protection system including a computer, the copy-protected optical disc of claim 1, and an encrypting program capable of reading the preformed ID and the unique ID from the copy-protected optical disc of claim 1 and encrypting a customer program using them.

9. (Original) The copy-protected optical disc of claim 1 in which an encrypting program is pressed onto the optical disc.

10. (Original) The system of claim 8 in which the encrypting program is located on another computer system or on a network.

11. (Original) A method of copy protection using a Programmable CD-ROM and a decrypting program, which includes the steps of:

- a) reading the preformed ID and unique ID of the Programmable CD-ROM;
- b) combining the preformed ID and the unique ID to form a decryption key;
- c) using the decryption key to decrypt the original executable file;
- d) placing the original executable into the computer's RAM memory and allowing it to execute; and
- e) removing the original executable from the computer's memory and storage upon completion of the executable.

12. (Amended) The method of claim 11 with the decrypting program reading the preformed ID from an ~~[[the]]~~ ATIP signal.

13. (Original) The disc of claim 1 in which valid values of the unique ID correspond to only a small part of the range of possible numbers.

14. (Amended) A uniquely identified optical disc, comprising:

- a) a preformed ID which is formed in an ~~[[the]]~~ ATIP signal; and

b) a unique ID which is written to the main channel data at a known absolute sector address on the optical disc.